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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/040,524	11/01/2001	Ari D. Kaplan	P1551USA	9108
8968	7590	03/23/2005	EXAMINER	
GARDNER CARTON & DOUGLAS LLP ATTN: PATENT DOCKET DEPT. 191 N. WACKER DRIVE, SUITE 3700 CHICAGO, IL 60606			ANANTHANARAYANAN, RAMYA	
			ART UNIT	PAPER NUMBER
			2131	

DATE MAILED: 03/23/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

10/040,524

Applicant(s)

KAPLAN, ARI D.

Examiner

Ramya Ananthanarayanan

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 01 November 2001.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-28 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-28 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|---|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

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1. Claims 1-28 have been rejected.

Claim Rejections - 35 USC § 102

2. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

3. Claims 1-9, 14-22, 26, and 27 are rejected under 35 U.S.C. 102(e) as being anticipated by Sweet et al. (U. S. Publication 2002/0031230).

4. With respect to claim 1, Sweet et al. disclose a method for securing data within a wireless database management system (page 2, paragraph 0020), the method comprising the steps of:

Encrypting data transferred within a wireless database management system with a public key method (page 1, paragraph 0011, lines 1-5);

Encrypting data transferred within a wireless database management system with a private key method (page 1, paragraph 0012, lines 3-12); and

Encrypting data transferred between a wireless base station and a server with a low-layer security protocol (page 23, paragraph 0384).

5. With respect to claim 4, Sweet et al. disclose a method further comprising the step of:

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Timing out connections between a wireless device and a server (page 22, paragraph 0353).

6. With respect to claim 5, Sweet et al. disclose a method further comprising the step of:

Authenticating the identity of a user of a wireless database management system (page 18, paragraph 0280).

7. With respect to claim 8, Sweet et al. disclose a method further comprising the step of:

Identifying a session that a user of a wireless device has established with a server with a session identification phrase, and storing the session identification phrase in memory (page 3, paragraph 0029, lines 3-5).

8. With respect to claim 16, Sweet et al. disclose a method for securing data within a wireless database management system (page 2, paragraph 0020), the method comprising the steps of:

Authenticating the identity of a user of a wireless database management system (page 18, paragraph 0280);

Identifying a session that a user of a wireless device has established with a web server with a session identification phrase, and storing the session identification phrase in memory (page 3, paragraph 0029, lines 3-5); and

Timing out connections between a wireless device and a server (page 22, paragraph 0353).

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9. With respect to claims 9 and 17, Sweet et al. disclose a method further comprising the step of:

Allowing the timing out of connections between a wireless device and a server to be adjusted (page 7, paragraph 0094, lines 18-20).

10. With respect to claim 18, Sweet et al. disclose a method further comprising the steps of:

Encrypting data transferred within a wireless database management system with a public key method (page 1, paragraph 0011, lines 1-5);

Encrypting data transferred within a wireless database management system with a private key method (page 1, paragraph 0012, lines 3-12); and

Encrypting data transferred between a wireless base station and a server with a low-layer security protocol (page 23, paragraph 0384).

11. With respect to claims 2 and 19, Sweet et al. disclose a method further comprising the step of:

Limiting access to a wireless database management system with a firewall between a server and the Internet (page 20, paragraph 0305, lines 9-14).

12. With respect to claims 3 and 20, Sweet et al. disclose a method further comprising the step of:

Limiting access to a wireless database management system with a firewall between a database server and a server (page 20, paragraph 0305, lines 9-14).

13. With respect to claims 6 and 21, Sweet et al. disclose a method further comprising the step of:

Categorizing users of a wireless database management system into groups that are allowed different levels of access to a database (page 7, paragraphs 0098, 0107-0110).

14. With respect to claims 7 and 22, Sweet et al. disclose a method further comprising the step of:

Coding queries made to a database server by a user of a wireless device, and storing those queries and codes in memory (page 19, paragraph 0301, paragraph 0302, lines 1-3).

15. With respect to claims 14 and 26, Sweet et al. disclose further comprising the step of:

Nicknaming the address of a database (page 14, paragraph 0199, lines 6-8: It is inherent in JDBC that databases are accessed through nicknames (or data source names) stored in memory.).

16. With respect to claims 15 and 27, Sweet et al. disclose further comprising the step of:

Storing the nickname and its address in memory (page 14, paragraph 0199, lines 6-8: It is inherent in JDBC that databases are accessed through nicknames (or data source names) stored in memory.).

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17. Claims 1, 10, 13 are rejected under 35 U.S.C. 102(e) as being anticipated by Lincke et al. (U.S. Patent 6,253,326).

18. With respect to claim 1, Lincke et al. disclose a method for securing data within a wireless database management system, the method comprising the steps of:

Encrypting data transferred within a wireless database management system with a public key method (column 3, lines 50-59);

Encrypting data transferred within a wireless database management system with a private key method (column 3, lines 50-59); and

Encrypting data transferred between a wireless base station and a server with a low-layer security protocol (column 10, lines 14-16).

19. With respect to claim 10, Lincke et al. disclose further comprising the step of:

Using a controlled wireless proxy server for securing data transferred between a wireless base station and the Internet (column 9, lines 59-67).

20. With respect to claim 13, Lincke et al. disclose further comprising the step of:

Compressing and parsing data transferred between a wireless device and a wireless base station (column 10, lines 51-52).

Claim Rejections - 35 USC § 103

21. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

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(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

22. Claims 11, 12 and 23-25, 28 are rejected under 35 U.S.C. 103(a) as being unpatentable over Sweet et al. (U. S. Publication 2002/0031230) in view of Lincke et al. (U.S. Patent 6,253,326).

23. Sweet et al. and Lincke et al. are analogous art because both are in the field of electronic communication.

24. With respect to claims 11, Sweet discloses a method further comprising the steps of:

Limiting access to a wireless database management system with a firewall between a server and the Internet (page 20, paragraph 0305, lines 9-14); and

Connecting an Intranet to a controlled server on the Internet through the firewall (page 20, paragraph 0305, lines 9-14).

25. Sweet does not disclose a method further comprising the steps of:

Using a controlled server for securing data transferred on the Internet

Lincke discloses a method further comprising the steps of:

Using a controlled server for securing data transferred on the Internet (column 9, lines 59-67).

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26. It would have been obvious to one of ordinary skill in the art at the time of the invention to have combined the teachings of Lincke et al. with the teachings of Sweet et al. in order to convert Internet protocols and content into a form the wireless communication device can interpret (column 10, lines 10-14) to allow communication between the two devices.

27. With respect to claim 23, Sweet et al. discloses the limitations set forth in claim 16, upon which claim 23 is dependent.

28. Sweet et al. do not disclose a method further comprising the step of:

Using a controlled wireless proxy server for securing data transferred between a wireless base station and the Internet.

Lincke et al. disclose a method further comprising the step of:

Using a controlled wireless proxy server for securing data transferred between a wireless base station and the Internet (column 9, lines 59-67).

29. The motivational benefits of combining the teachings of Lincke et al. with the teachings of Sweet et al. are disclosed above.

30. With respect to claim 24, Sweet discloses a method further comprising the steps of:

Limiting access to a wireless database management system with a firewall between a server and the Internet (page 20, paragraph 0305, lines 9-14); and

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Connecting an Intranet to a controlled server on the Internet through the firewall (page 20, paragraph 0305, lines 9-14).

31. Sweet does not disclose a method further comprising the steps of:

Using a controlled server for securing data transferred on the Internet

Lincke discloses a method further comprising the steps of:

Using a controlled server for securing data transferred on the Internet (column 9, lines 59-67).

32. The motivational benefits of combining the teachings of Lincke et al. with the teachings of Sweet et al. are disclosed above.

33. With respect to claims 12 and 25, Sweet discloses a method further comprising the step of:

Limiting access to a wireless database management system with a firewall between a database server and a server (page 20, paragraph 0305, lines 9-14).

34. With respect to claim 28, Sweet et al. discloses the limitations set forth in claim 16, upon which claim 28 is dependent.

35. Sweet et al. do not disclose a method further comprising the step of:

Compressing and parsing data transferred between a wireless device and a wireless base station.

Lincke et al. disclose a method further comprising the step of:

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Compressing and parsing data transferred between a wireless device and a wireless base station (column 10, lines 51-52).

36. It would have been obvious to one of ordinary skill in the art at the time of the invention to have combined the teachings of Lincke et al. with the teachings of Sweet et al. in order to reduce the size of the content sent from one device to the other (column 10, lines 42-52).

Conclusion


Any inquiry concerning this communication or earlier communications from the examiner should be directed to Ramya Ananthanarayanan whose telephone number is (571) 272-5860. The examiner can normally be reached on Monday through Friday, 8:30 -5.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Ayaz Sheikh can be reached on (571) 272-3795. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

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